****
Reviewer Comments:
<110> Jackson, Aimee L.
      Bartz, Steven R.
      Burchard, Julja,
      Linsley, Peter S.
      Ge, Wei
      Cavet, Guy L.

<120> METHOD OF DESIGNING siRANS FOR GENE
   SILENCING

Please change "SiRANS" in the above <120> response to "siRNAS"

<210>
335

<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> DNA sequence corresponding to siRNA sense strand
      in construction of siRNA library

<400> 335
actaactaga atcctccag   19

Please move the above "335" upto the <210> line shown in the attachment
above.

* *

Application No: 10577696   Version No: 2.0

Input Set:

Output Set:

Started: 2008-02-26 12:11:33.239
Finished: 2008-02-26 12:11:38.236
Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 997 ms
Total Warnings: 990
Total Errors: 2
No. of SeqIDs Defined: 990
Actual SeqID Count: 990

Error code   Error Description

W 213   Artificial or Unknown found in <213> in SEQ ID (1)

W 213   Artificial or Unknown found in <213> in SEQ ID (2)

W 213   Artificial or Unknown found in <213> in SEQ ID (3)

W 213   Artificial or Unknown found in <213> in SEQ ID (4)

W 213   Artificial or Unknown found in <213> in SEQ ID (5)

W 213   Artificial or Unknown found in <213> in SEQ ID (6)

W 213   Artificial or Unknown found in <213> in SEQ ID (7)

W 213   Artificial or Unknown found in <213> in SEQ ID (8)

W 213   Artificial or Unknown found in <213> in SEQ ID (9)

W 213   Artificial or Unknown found in <213> in SEQ ID (10)

W 213   Artificial or Unknown found in <213> in SEQ ID (11)

W 213   Artificial or Unknown found in <213> in SEQ ID (12)

W 213   Artificial or Unknown found in <213> in SEQ ID (13)

W 213   Artificial or Unknown found in <213> in SEQ ID (14)

W 213   Artificial or Unknown found in <213> in SEQ ID (15)

W 213   Artificial or Unknown found in <213> in SEQ ID (16)

W 213   Artificial or Unknown found in <213> in SEQ ID (17)

W 213   Artificial or Unknown found in <213> in SEQ ID (18)

W 213   Artificial or Unknown found in <213> in SEQ ID (19)

W 213   Artificial or Unknown found in <213> in SEQ ID (20)

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           Input Set:


          Output Set:



            Started:    2008-02-26 12:11:33.239
           Finished:    2008-02-26 12:11:38.236
            Elapsed:    0 hr(s) 0 min(s) 4 sec(s) 997 ms
    Total Warnings:     990
      Total Errors:     2
No. of SeqIDs Defined:  990
  Actual SeqID Count:   990
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Error code   Error Description

           This error has occured more than 20 times, will not be displayed

E   201   Mandatory field data missing in <210> Expected SEQID 335

E   212   Invalid Sequence ID Number; Expected 335 as next SeqID but skipped

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<120> METHOD OF DESIGNING siRANS FOR GENE
   SILENCING

<130> 9301-244-999

<140> 10577696
<141> 2008-02-26

<150> PCT/US2004/035636
<151> 2004-10-27

<150> 60/515,180
<151> 2003-10-27

<150> 60/572,314
<151> 2004-05-17

<160> 990

<170> FastSEQ for Windows Version 4.0

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<211> 19
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<213> Artificial Sequence

<220>
<223> an example of siRNA

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<210> 2
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<212> DNA
<213> Artificial Sequence

<220>
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      in construction of siRNA library

<400> 2
tgttgtccgg ctgatggac   19

<210> 3
<211> 19

<212> DNA
<213> Artificial Sequence

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<223> DNA sequence corresponding to siRNA sense strand
      in construction of siRNA library

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actcttactg ctctccagt   19

<210> 4
<211> 19
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<220>
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      in construction of siRNA library

<400> 4
cttaacacgg atgctggtg   19

<210> 5
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<212> DNA
<213> Artificial Sequence

<220>
<223> DNA sequence corresponding to siRNA sense strand
      in construction of siRNA library

<400> 5
ggagagcttt ctaggacct   19

<210> 6
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> DNA sequence corresponding to siRNA sense strand
      in construction of siRNA library

<400> 6
agtcatcccg cagagccgc   19

<210> 7
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> DNA sequence corresponding to siRNA sense strand
      in construction of siRNA library

<400> 7
atcgtagtgc ttgtactta   19

<210> 8
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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      in construction of siRNA library

<400> 8
ggagacgtac cgctgcatc   19

<210> 9
<211> 19
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<220>
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gcagtgattg ctcagcagc   19

<210> 10
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<220>
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<210> 11
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<212> DNA
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<220>
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tgcggatgcc attcagtgg   19

<210> 12
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cacggttggc agagtctat   19

<210> 13
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<220>
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<400> 13
gcaagttgag ctctaccgc   19

<210> 14
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<220>
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     in construction of siRNA library

<400> 14
tggccagcgc ttactggaa   19

<210> 15
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     in construction of siRNA library

<400> 15
gttcaaaagc tggatgatc   19

<210> 16
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<400> 16
ggcctctata cccctcaaa   19

<210> 17
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<400> 17
agaaccgaat cgtctagag   19

<210> 18
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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      in construction of siRNA library

<400> 18
cacgatgcat agccatcct   19

<210> 19
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<220>
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<400> 19
cagagacaga atctacact   19

<210> 20
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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      in construction of siRNA library

<400> 20
caacagaagg ttgtcttgt   19

<210> 21
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<220>
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      in construction of siRNA library

<400> 21
ttgtgtgtgg gaccgtaat   19

<210> 22
<211> 19

<212> DNA
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       in construction of siRNA library

<400> 22
gctcacggtc attaccgag   19

<210> 23
<211> 19
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<220>
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       in construction of siRNA library

<400> 23
cctgaggaac attactcgg   19

<210> 24
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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       in construction of siRNA library

<400> 24
tgctgacctc tgttacctc   19

<210> 25
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<400> 25
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<210> 26
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<220>
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<400> 26
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<210> 27
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<400> 27
ccagaacttg cagcaactg   19

<210> 28
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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     in construction of siRNA library

<400> 28
cctcacggtc atccgcggc   19

<210> 29
<211> 19
<212> DNA
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<220>
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     in construction of siRNA library

<400> 29
ctacgccctg gtcatcttc   19

<210> 30
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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<400> 30
tctcaaggat attgggctt   19

<210> 31
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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     in construction of siRNA library

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<400> 31
ggatattggg ctttacaac                                      19


<210> 32
<211> 19
<212> DNA
<213> Artificial Sequence


<220>
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<400> 32
cattactcgg ggggccatc                                      19


<210> 33
<211> 19
<212> DNA
<213> Artificial Sequence


<220>
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<400> 33
aatgctgacc tctgttacc                                      19


<210> 34
<211> 19
<212> DNA
<213> Artificial Sequence


<220>
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     in construction of siRNA library


<400> 34
ctggatcgta agaaggcag                                      19


<210> 35
<211> 19
<212> DNA
<213> Artificial Sequence


<220>
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<400> 35
tggaaggtga aggtcacc                                       19


<210> 36
<211> 19
<212> DNA
<213> Artificial Sequence
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<220>
<223> DNA sequence corresponding to siRNA sense strand
      in construction of siRNA library

<400> 36
ggacaactgc agctactct   19

<210> 37
<211> 19
<212> DNA
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<220>
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<400> 37
tacggactca ccttgcttg   19

<210> 38
<211> 19
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<220>
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<400> 38
gtatatacat tcagctgac   19

<210> 39
<211> 19
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<220>
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<400> 39
ggaacacccc ccgcttatc   19

<210> 40
<211> 19
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<220>
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<400> 40
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<210> 41
<211> 19

<212> DNA
<213> Artificial Sequence

<220>
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<210> 42
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<220>
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gtcatcagct ttgtgccac   19

<210> 43
<211> 19
<212> DNA
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<220>
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<400> 43
taattcacag ggacctaaa   19

<210> 44
<211> 19
<212> DNA
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<220>
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<400> 44
tgcctacttt gctcagtac   19

<210> 45
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<220>
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<400> 45
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<210> 46
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<220>
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in construction of siRNA library

<400> 46
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<210> 47
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in construction of siRNA library

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ccagtggccg atccttatg   19

<210> 48
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<220>
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in construction of siRNA library

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ggccttttca cgggaactc   19

<210> 49
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<220>
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in construction of siRNA library

<400> 49
ctgaagaagc tactgcttg   19

<210> 50
<211> 19
<212> DNA
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in construction of siRNA library

<400> 50
gacatgcgaa tgacactag   19

<210> 51
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<213> Artificial Sequence

<220>
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     in construction of siRNA library

<400> 51
agaggaactc tctgcaagc   19

<210> 52
<211> 19
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<220>
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<210> 53
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<220>
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     in construction of siRNA library

<400> 53
actgacaaca aagtgcagc   19

<210> 54
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     in construction of siRNA library

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ctcacattgt ccaccagga   19

<210> 55
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gacttcattg acagtggcc   19

<210> 57
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<220>
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aaaggacaac tgcagctac   19

<210> 58
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tggaggggaa tgctcagaa   19

<210> 59
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<220>
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taaagatggc actttcccg   19

<210> 60
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in construction of siRNA library

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<210> 61
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in construction of siRNA library

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tattgggcca gcagattac   19

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in construction of siRNA library

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in construction of siRNA library

<400> 63
ggagaaagat ccctttgag   19

<210> 64
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in construction of siRNA library

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<210> 65
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    in construction of siRNA library

<400> 65
ataagcagca agaaacggc   19

<210> 66
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<220>
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    in construction of siRNA library

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gaatttcggg ctactttgg   19

<210> 67
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<220>
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    in construction of siRNA library

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cgcaccttcc atgtggaga   19

<210> 68
<211> 19
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<220>
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    in construction of siRNA library

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agacgttttt gtgctgtgg   19

<210> 69
<211> 19
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<220>
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    in construction of siRNA library

<400> 69
gctggagaac ctcatgctg   19

<210> 70
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<220>
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      in construction of siRNA library

<400> 70
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<210> 71
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<220>
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